

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040919\
 Data File : VX008784.D
 Acq On : 09 Apr 2019 20:29
 Operator : JC/SP
 Sample : PB118700TB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 10 06:40:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	210324	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	345865	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	303052	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	129823	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	141479	46.12	ug/l	0.00
Spiked Amount			Recovery	=	92.24%	
35) Dibromofluoromethane	5.50	113	104363	47.19	ug/l	0.00
Spiked Amount			Recovery	=	94.38%	
50) Toluene-d8	8.71	98	435558	49.47	ug/l	0.00
Spiked Amount			Recovery	=	98.94%	
62) 4-Bromofluorobenzene	11.13	95	145863	46.72	ug/l	0.00
Spiked Amount			Recovery	=	93.44%	

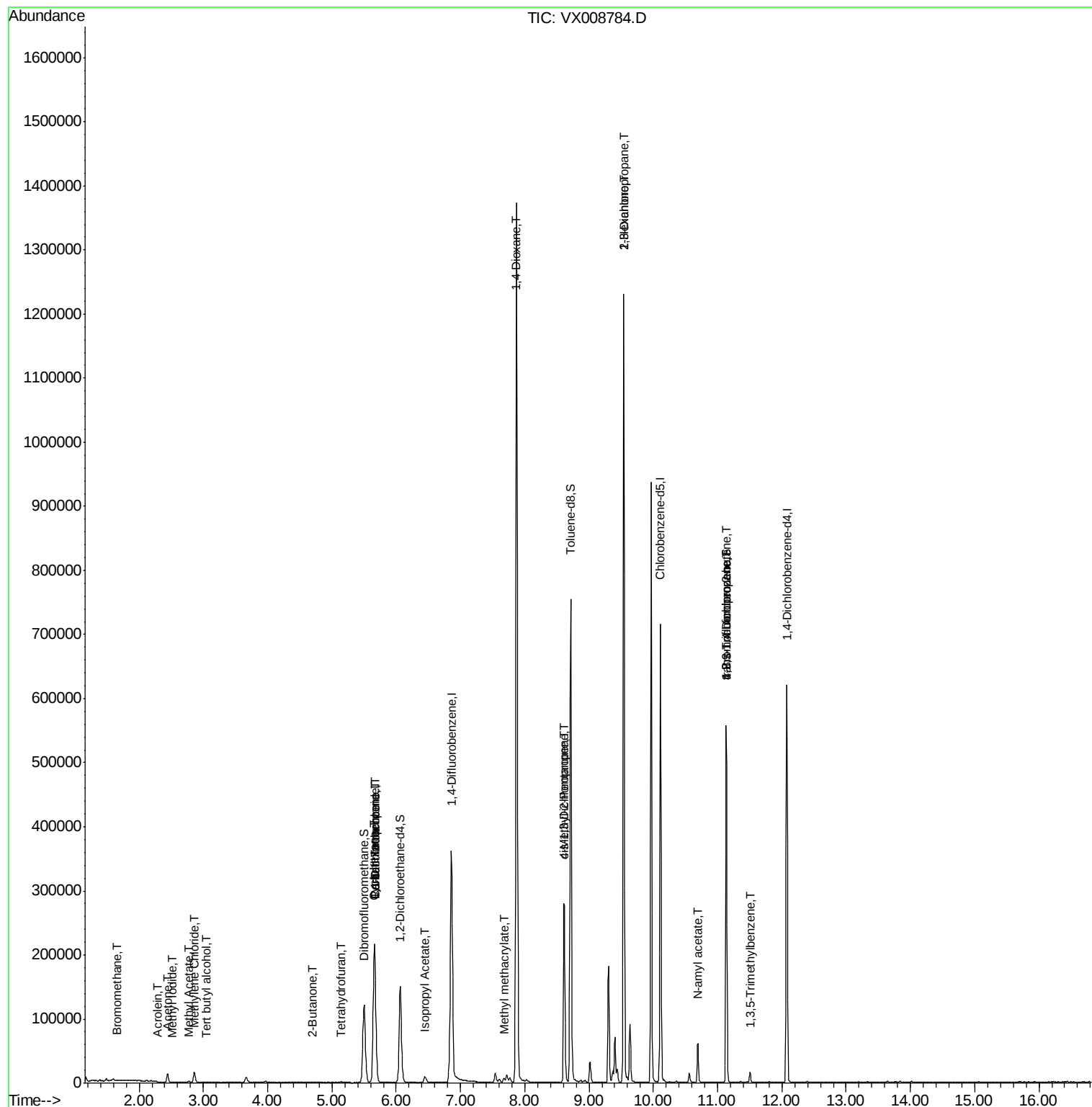
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	336	Below Cal	#	87
5) Bromomethane	1.66	94	268	2.045	ug/l	100
6) Chloroethane	1.66	64	103	Below Cal	#	56
10) Methyl Iodide	2.52	142	208	4.093	ug/l #	88
11) Tert butyl alcohol	3.04	59	608	0.847	ug/l #	93
13) Acrolein	2.29	56	221	0.621	ug/l	84
16) Acetone	2.44	43	15019	8.500	ug/l	100
17) Carbon Disulfide	2.57	76	1157	Below Cal		98
18) Methyl Acetate	2.78	43	3015	0.704	ug/l	98
20) Methylene Chloride	2.86	84	7346	2.484	ug/l	98
25) 2-Butanone	4.69	43	3059	1.095	ug/l #	88
28) Bromochloromethane	5.02	49	199	Below Cal	#	22
29) Tetrahydrofuran	5.14	42	1709	0.922	ug/l	95
31) Cyclohexane	5.65	56	4372	0.825	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	16884	4.466	ug/l #	50
38) Carbon Tetrachloride	5.67	117	19989	6.388	ug/l #	17
43) Isopropyl Acetate	6.45	43	12975	1.641	ug/l	97
48) Methyl methacrylate	7.68	41	8094	2.024	ug/l #	18
49) 1,4-Dioxane	7.87	88	263	3.511	ug/l #	1
51) 4-Methyl-2-Pentanone	8.62	43	100569	19.763	ug/l #	51
54) cis-1,3-Dichloropropene	8.62	75	44081	9.797	ug/l #	56
57) 1,3-Dichloropropane	9.54	76	9629	2.012	ug/l #	43
59) 2-Hexanone	9.54	43	153453	38.802	ug/l #	52
74) N-amyl acetate	10.69	43	16593	2.621	ug/l #	56
76) 1,2,3-Trichloropropane	11.13	75	73757	20.681	ug/l #	34
80) 1,3,5-Trimethylbenzene	11.51	105	6273	0.695	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.13	75	73757	57.009	ug/l #	9

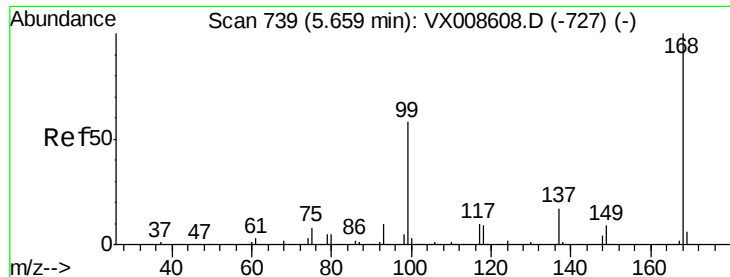
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008784.D

Acq: 09 Apr 2019 20:29

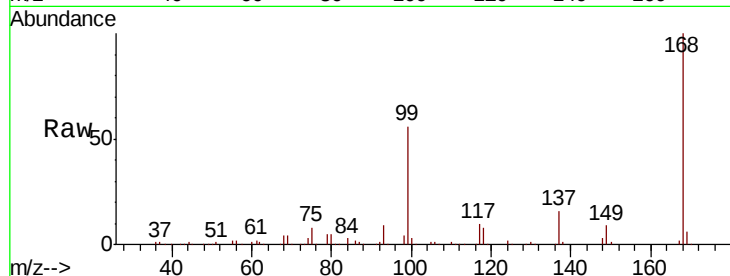
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 210324

Ion Ratio Lower Upper

168 100

99 55.7 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

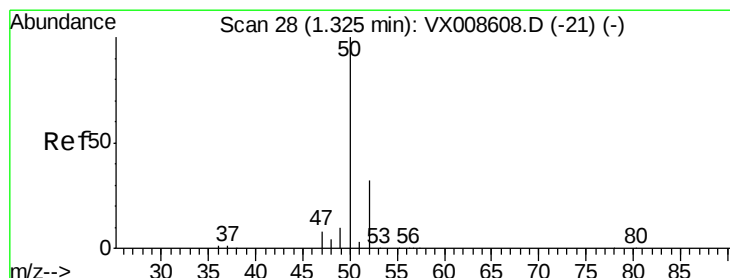
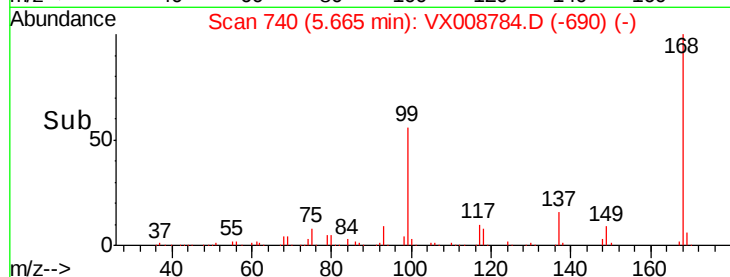
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008784.D

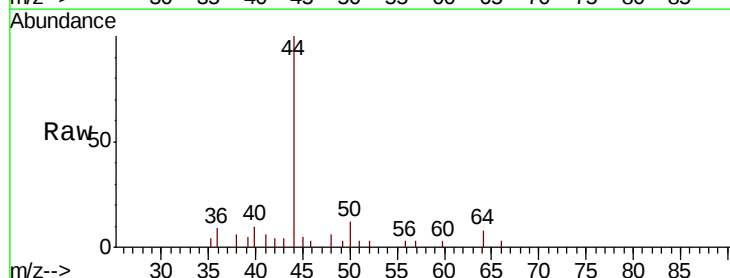
Acq: 09 Apr 2019 20:29

Tgt Ion: 50 Resp: 336

Ion Ratio Lower Upper

50 100

52 25.0 25.8 38.8#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

300

250

200

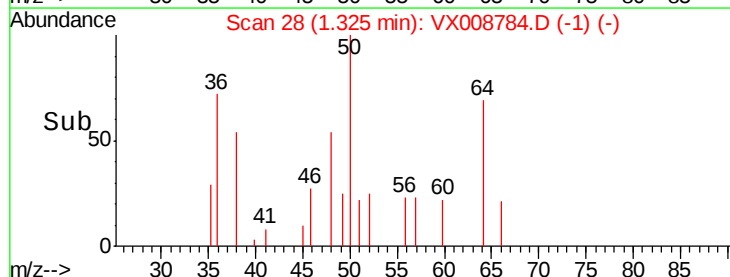
150

100

50

0

Time-->





#5

Bromomethane

Concen: 2.045 ug/l

RT: 1.66 min Scan# 83

Delta R.T. 0.02 min

Lab File: VX008784.D

Acq: 09 Apr 2019 20:29

Instrument :

MSVOA_X

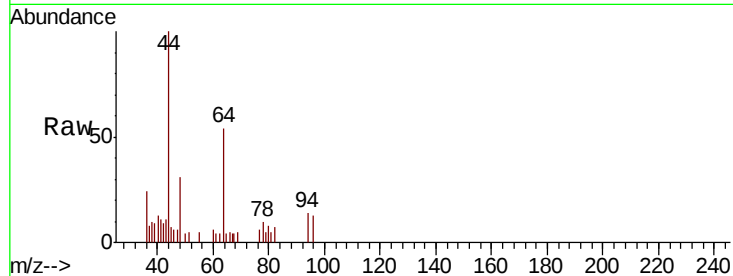
ClientSampled :

Tot Ion: 94 Resp: 268

Ion Ratio Lower Upper

94 100

96 93.9 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.66

150

100

50

0

1.60

1.65

1.66

1.67

1.68

1.69

1.70

1.71

1.72

1.73

1.74

1.75

1.76

1.77

1.78

1.79

1.80

1.81

1.82

1.83

1.84

1.85

1.86

1.87

1.88

1.89

1.90

1.91

1.92

1.93

1.94

1.95

1.96

1.97

1.98

1.99

2.00

2.01

2.02

2.03

2.04

2.05

2.06

2.07

2.08

2.09

2.10

2.11

2.12

2.13

2.14

2.15

2.16

2.17

2.18

2.19

2.20

2.21

2.22

2.23

2.24

2.25

2.26

2.27

2.28

2.29

2.30

2.31

2.32

2.33

2.34

2.35

2.36

2.37

2.38

2.39

2.40

2.41

2.42

2.43

2.44

2.45

2.46

2.47

2.48

2.49

2.50

2.51

2.52

2.53

2.54

2.55

2.56

2.57

2.58

2.59

2.60

2.61

2.62

2.63

2.64

2.65

2.66

2.67

2.68

2.69

2.70

2.71

2.72

2.73

2.74

2.75

2.76

2.77

2.78

2.79

2.80

2.81

2.82

2.83

2.84

2.85

2.86

2.87

2.88

2.89

2.90

2.91

2.92

2.93

2.94

2.95

2.96

2.97

2.98

2.99

3.00

3.01

3.02

3.03

3.04

3.05

3.06

3.07

3.08

3.09

3.10

3.11

3.12

3.13

3.14

3.15

3.16

3.17

3.18

3.19

3.20

3.21

3.22

3.23

3.24

3.25

3.26

3.27

3.28

3.29

3.30

3.31

3.32

3.33

3.34

3.35

3.36

3.37

3.38

3.39

3.40

3.41

3.42

3.43

3.44

3.45

3.46

3.47

3.48

3.49

3.50

3.51

3.52

3.53

3.54

3.55

3.56

3.57

3.58

3.59

3.60

3.61

3.62

3.63

3.64

3.65

3.66

3.67

3.68

3.69

3.70

3.71

3.72

3.73

3.74

3.75

3.76

3.77

3.78

3.79

3.80

3.81

3.82

3.83

3.84

3.85

3.86

3.87

3.88

3.89

3.90

3.91

3.92

3.93

3.94

3.95

3.96

3.97

3.98

3.99

4.00

4.01

4.02

4.03

4.04

4.05

4.06

4.07

4.08

4.09

4.10

4.11

4.12

4.13

4.14

4.15

4.16

4.17

4.18

4.19

4.20

4.21

4.22

4.23

4.24

4.25

4.26

4.27

4.28

4.29

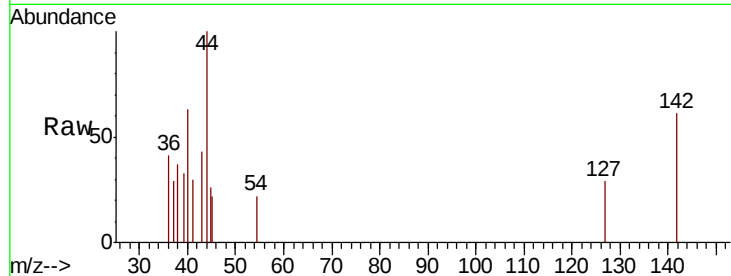
4.30



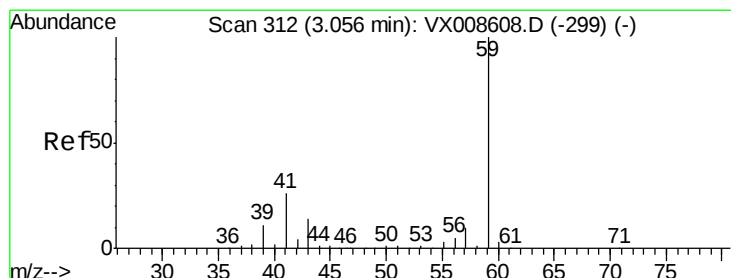
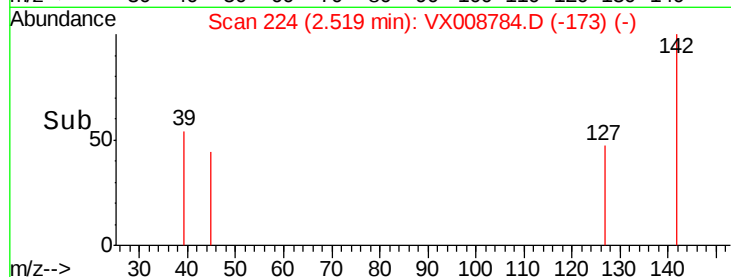
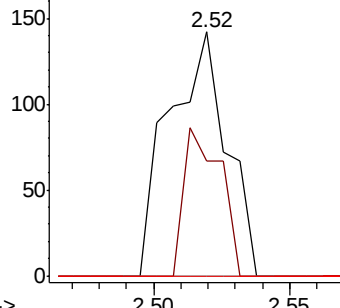
#10
Methvl Iodide
Concen: 4.093 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.01 min
Lab File: VX008784.D
Acq: 09 Apr 2019 20:29

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:142 Resp: 208
Ion Ratio Lower Upper
142 100
127 38.5 33.0 49.6
141 0.0 11.4 17.2#

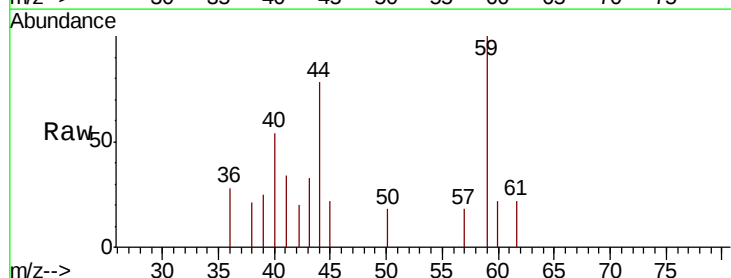


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

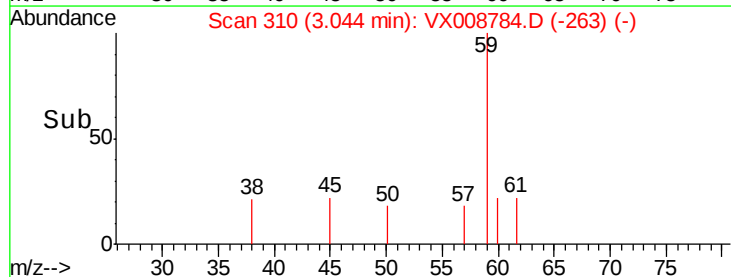
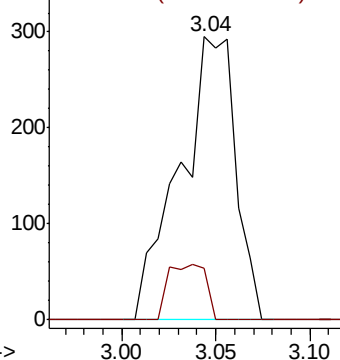


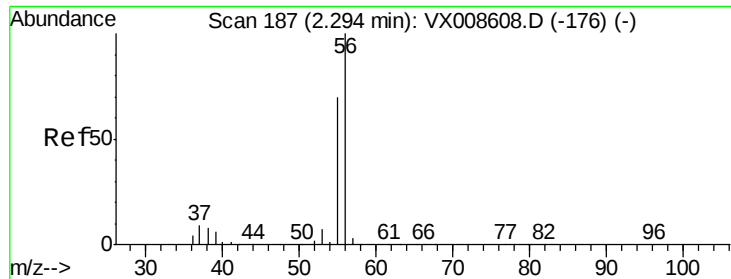
#11
Tert butyl alcohol
Concen: 0.847 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX008784.D
Acq: 09 Apr 2019 20:29

Tgt Ion: 59 Resp: 608
Ion Ratio Lower Upper
59 100
57 13.2 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 0.621 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008784.D

Acq: 09 Apr 2019 20:29

Instrument :

MSVOA_X

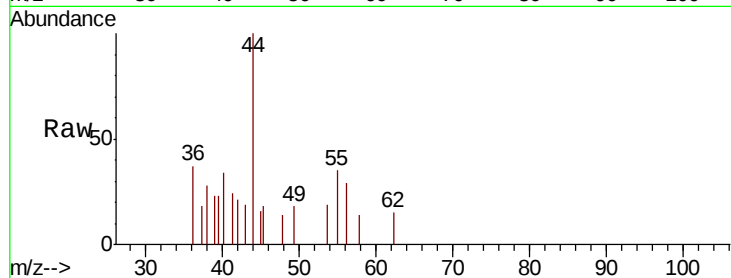
ClientSampleId :

Tot Ion: 56 Resp: 221

Ion Ratio Lower Upper

56 100

55 85.5 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

150

100

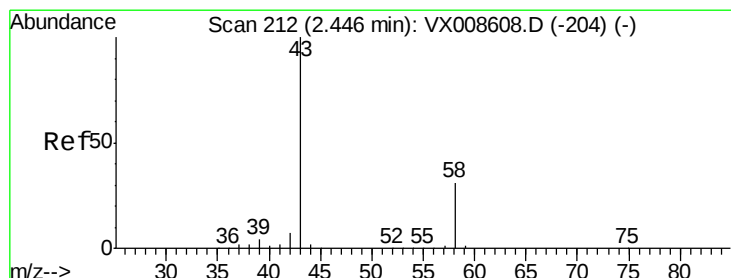
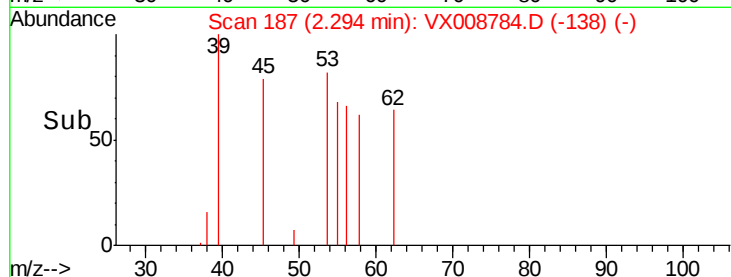
50

0

2.25

2.30

Time-->



#16

Acetone

Concen: 8.500 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX008784.D

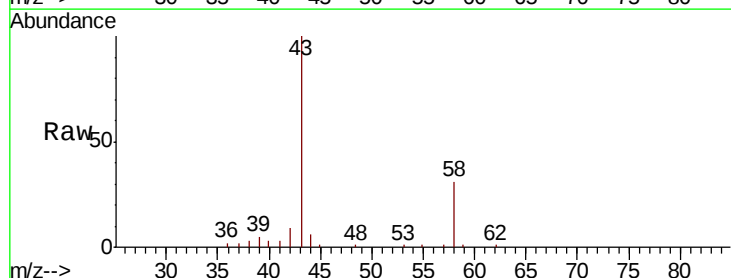
Acq: 09 Apr 2019 20:29

Tgt Ion: 43 Resp: 15019

Ion Ratio Lower Upper

43 100

58 30.8 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8000

6000

4000

2000

0

2.35

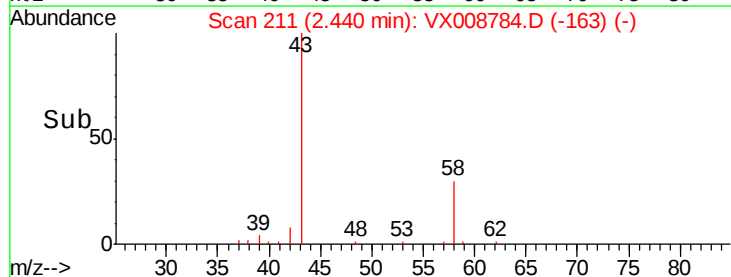
2.40

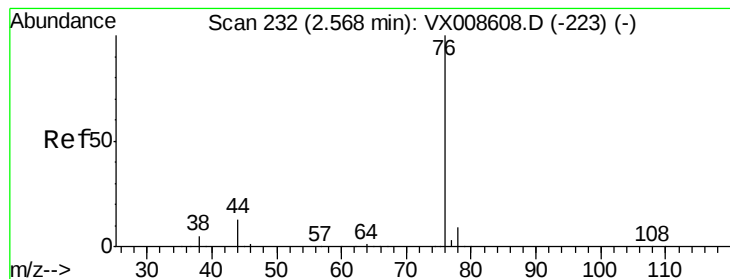
2.45

2.50

2.55

Time-->





#17

Carbon Disulfide

Concen: Below Cal

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX008784.D

Acq: 09 Apr 2019 20:29

Instrument :

MSVOA_X

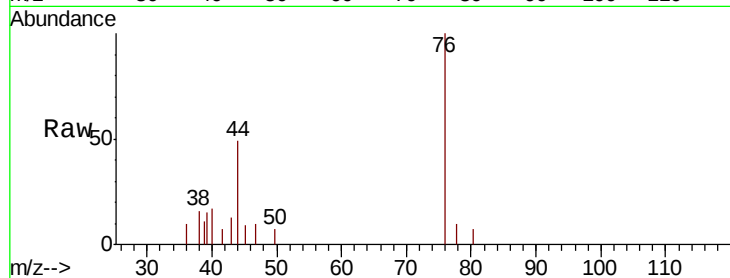
ClientSampleId :

Tot Ion: 76 Resp: 1157

Ion Ratio Lower Upper

76 100

78 9.7 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

800

600

400

200

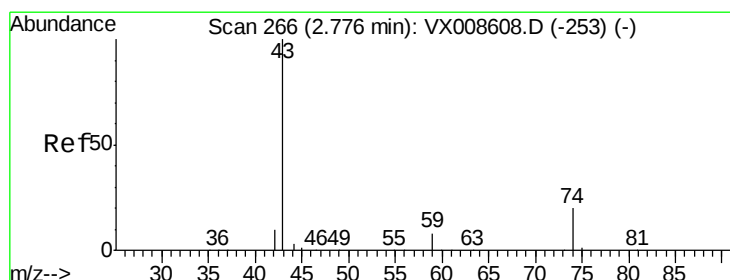
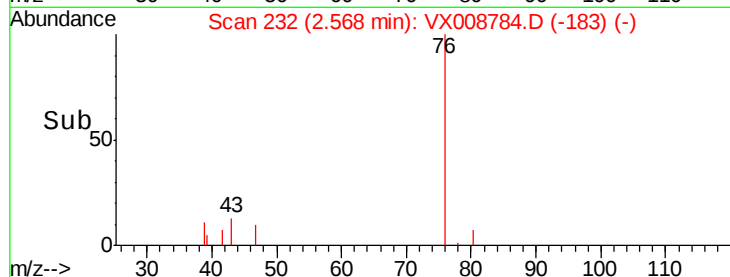
0

Time-->

2.50

2.55

2.60



#18

Methyl Acetate

Concen: 0.704 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX008784.D

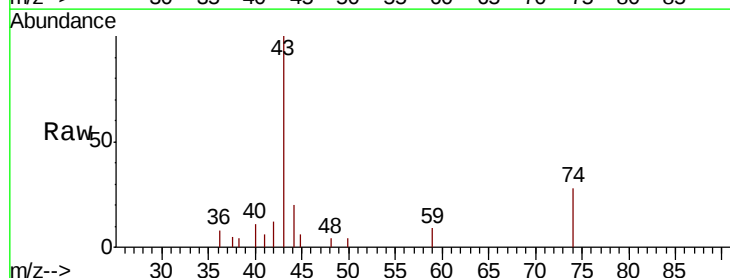
Acq: 09 Apr 2019 20:29

Tgt Ion: 43 Resp: 3015

Ion Ratio Lower Upper

43 100

74 21.6 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

1500

1000

500

0

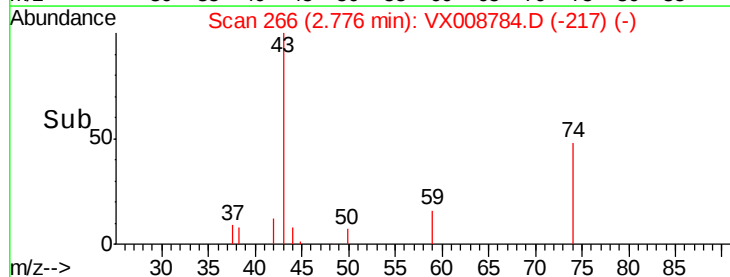
Time-->

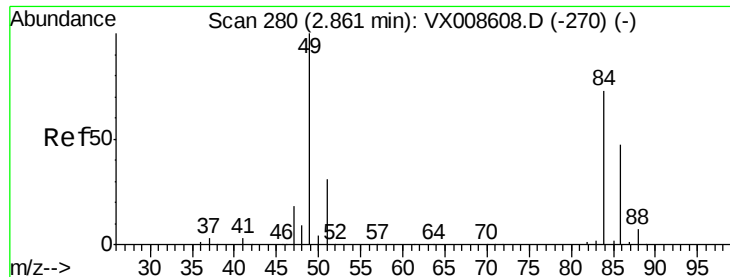
2.70

2.75

2.80

2.85

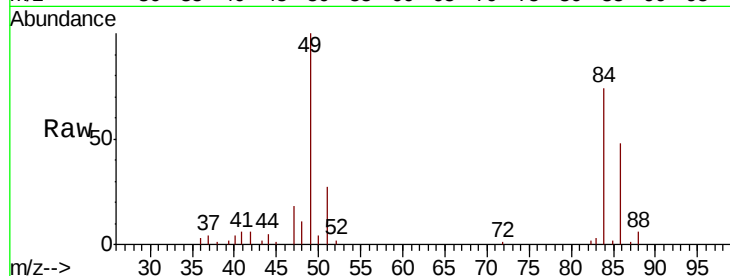




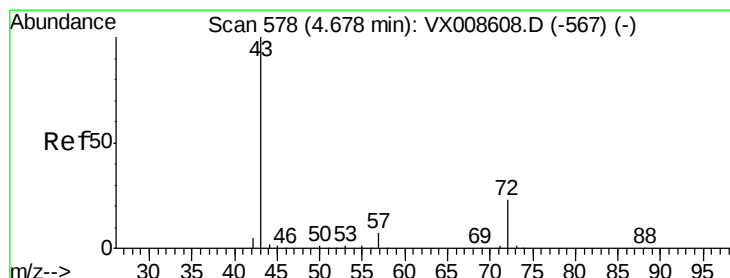
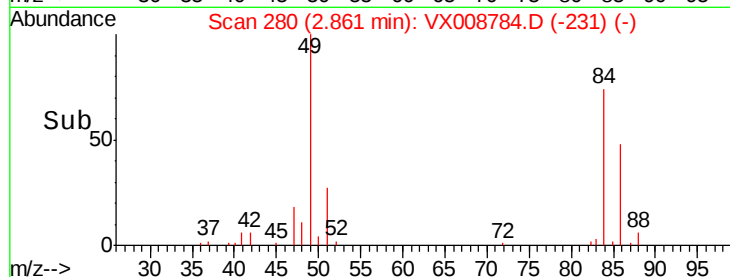
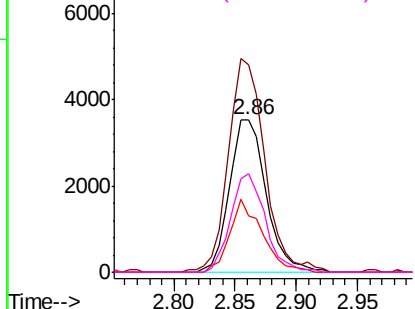
#20
Methvlene Chloride
Concen: 2.484 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX008784.D
Acq: 09 Apr 2019 20:29

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 84 Resp: 7346
Ion Ratio Lower Upper
84 100
49 135.5 109.7 164.5
51 37.2 33.6 50.4
86 64.5 51.4 77.2

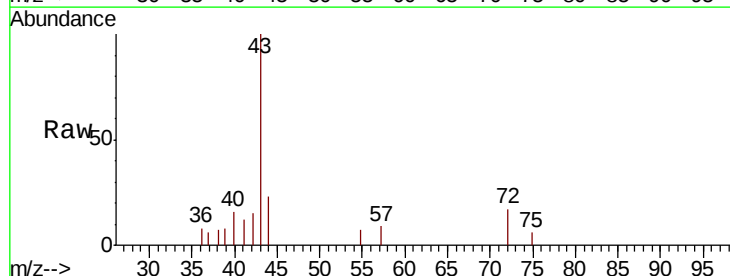


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

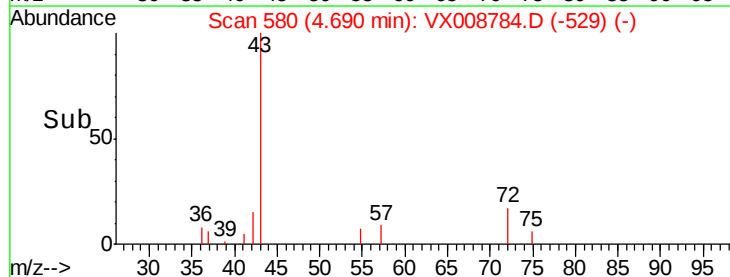
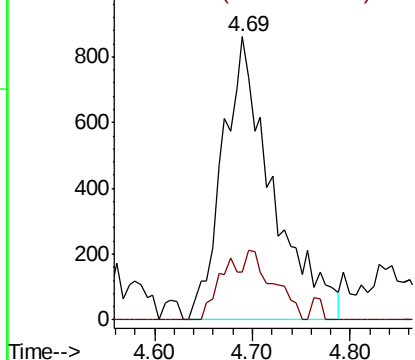


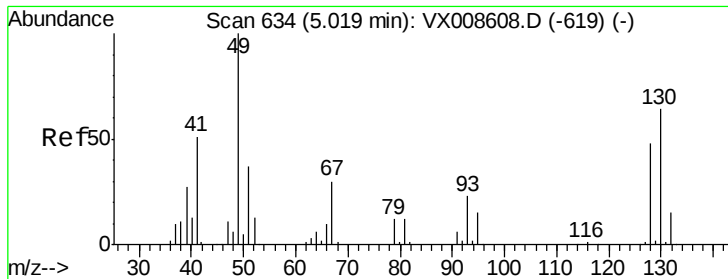
#25
2-Butanone
Concen: 1.095 ug/l
RT: 4.69 min Scan# 580
Delta R.T. 0.01 min
Lab File: VX008784.D
Acq: 09 Apr 2019 20:29

Tgt Ion: 43 Resp: 3059
Ion Ratio Lower Upper
43 100
72 17.0 18.2 27.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0





#28

Bromochloromethane

Concen: Below Cal

RT: 5.02 min Scan# 634

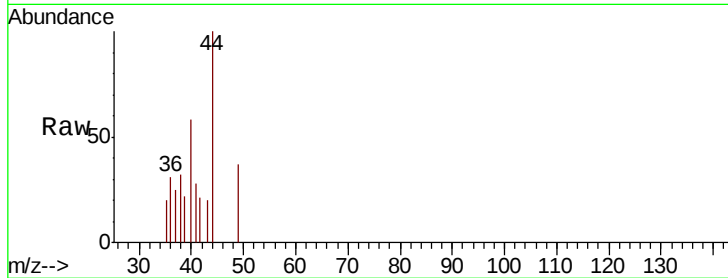
Delta R.T. 0.00 min

Lab File: VX008784.D

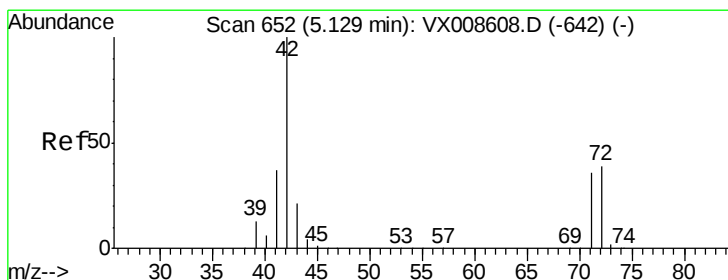
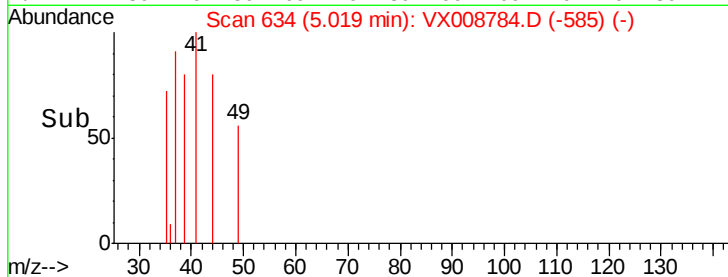
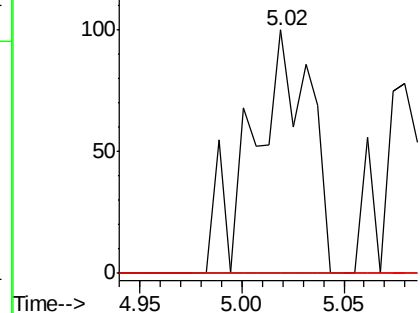
Acq: 09 Apr 2019 20:29

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 49 Resp: 199
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.6
130 0.0 49.3 73.9#



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V



#29

Tetrahydrofuran

Concen: 0.922 ug/l

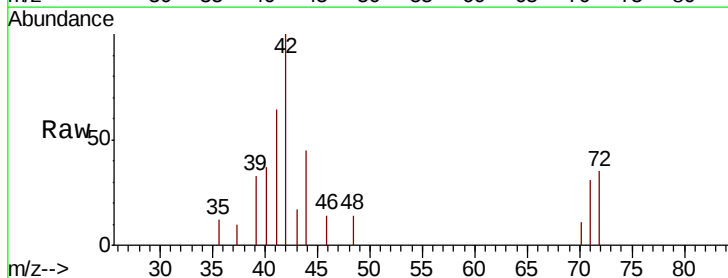
RT: 5.14 min Scan# 654

Delta R.T. 0.01 min

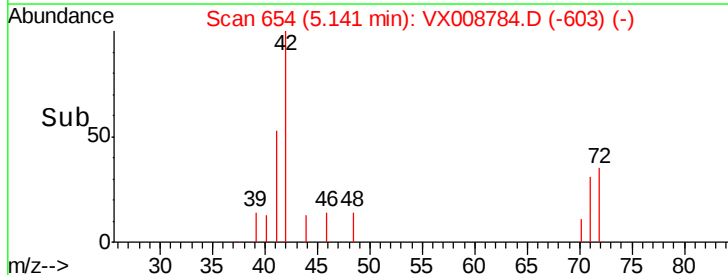
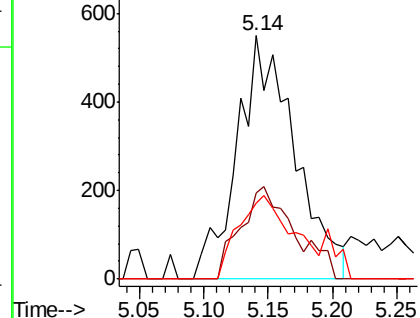
Lab File: VX008784.D

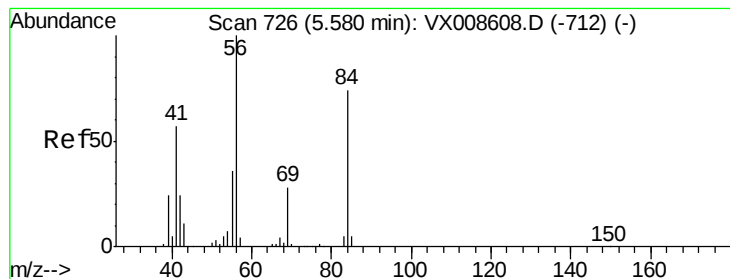
Acq: 09 Apr 2019 20:29

Tgt Ion: 42 Resp: 1709
Ion Ratio Lower Upper
42 100
72 35.4 30.5 45.7
71 32.7 28.6 43.0



Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0





#31

Cyclohexane

Concen: 0.825 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.07 min

Lab File: VX008784.D

Acq: 09 Apr 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

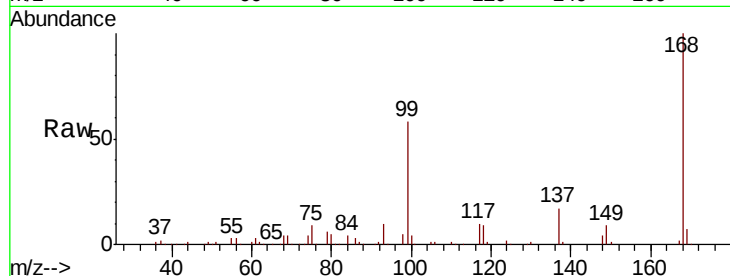
Tot Ion: 56 Resp: 4372

Ion Ratio Lower Upper

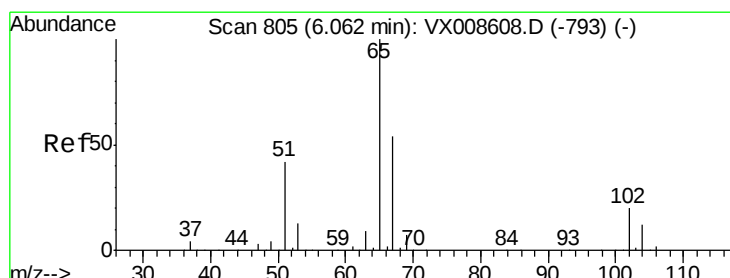
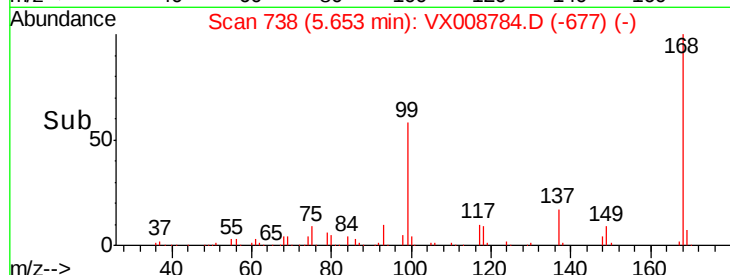
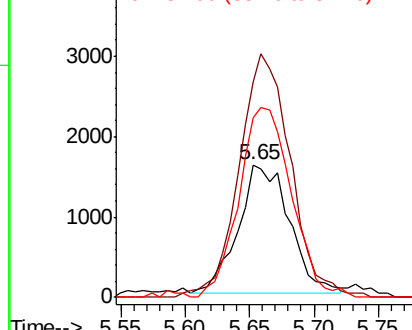
56 100

69 164.0 22.6 33.8#

84 140.6 59.3 88.9#



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 46.119 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008784.D

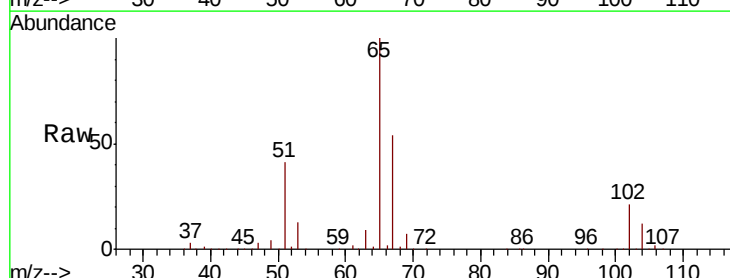
Acq: 09 Apr 2019 20:29

Tgt Ion: 65 Resp: 141479

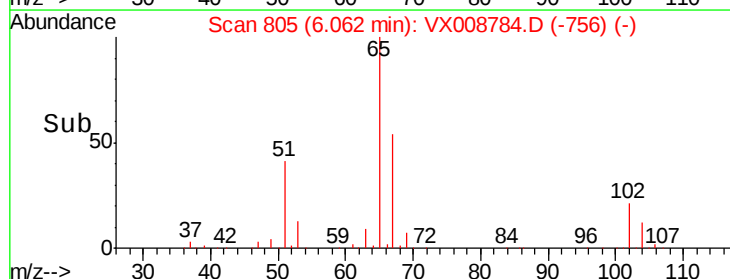
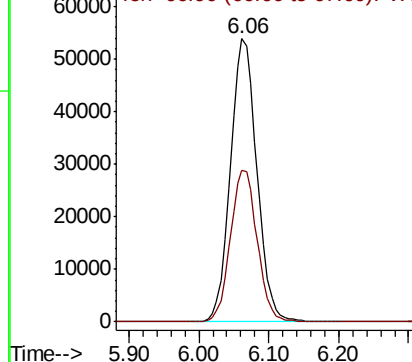
Ion Ratio Lower Upper

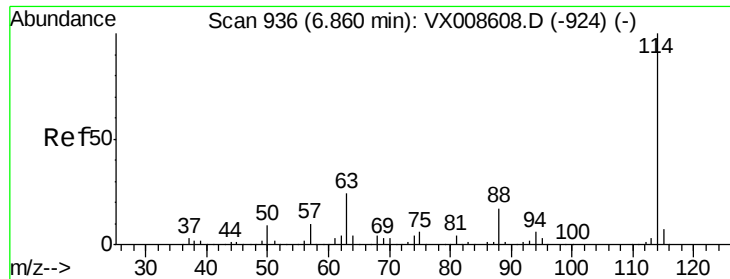
65 100

67 54.3 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

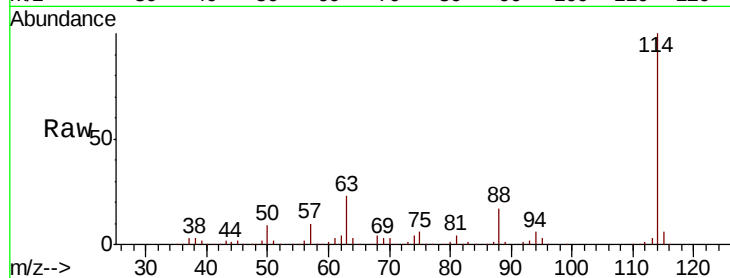




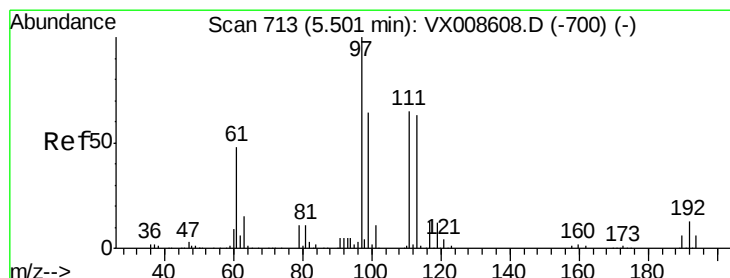
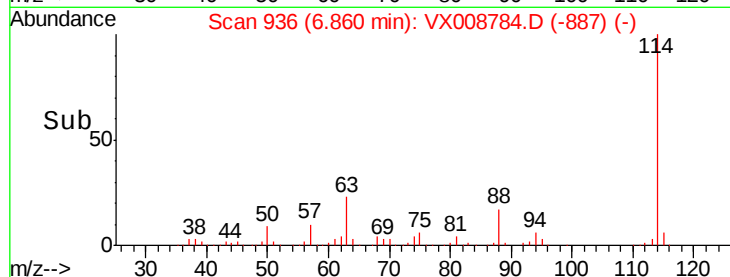
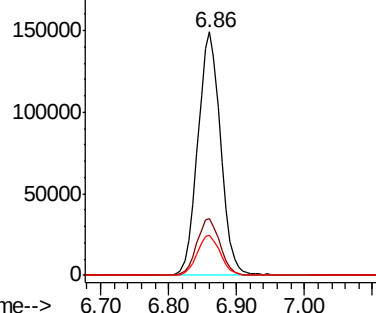
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008784.D
 Acq: 09 Apr 2019 20:29

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:114 Resp: 345865
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 47.2
 88 16.7 0.0 34.0

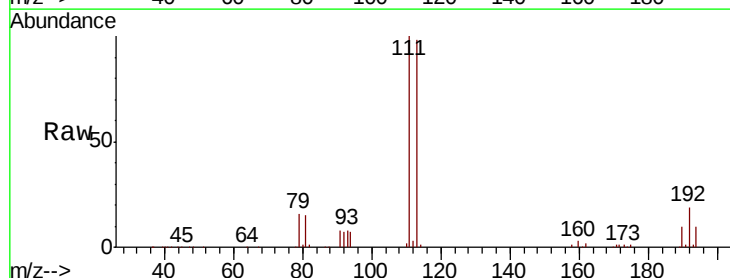


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

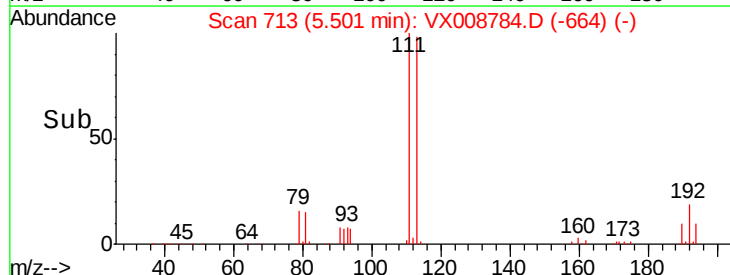
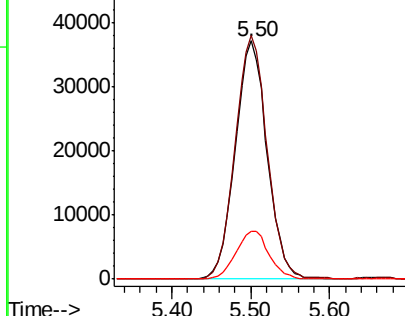


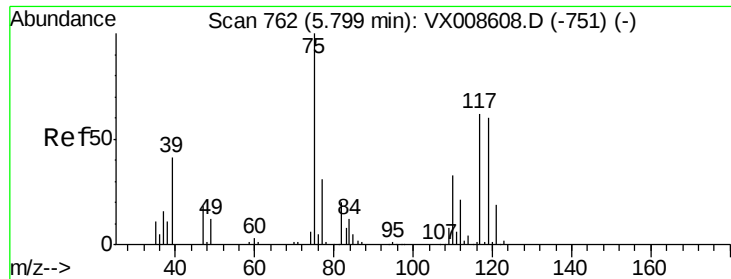
#35
 Dibromofluoromethane
 Concen: 47.195 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX008784.D
 Acq: 09 Apr 2019 20:29

Tgt Ion:113 Resp: 104363
 Ion Ratio Lower Upper
 113 100
 111 102.8 83.4 125.2
 192 20.8 16.1 24.1



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

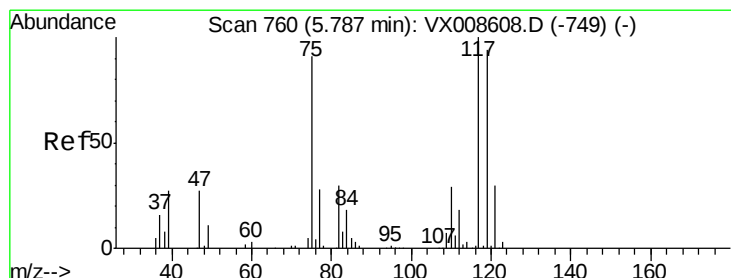
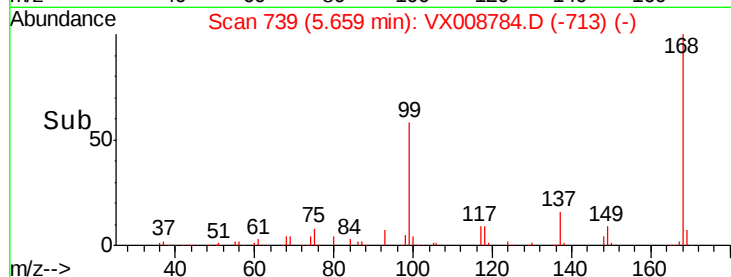
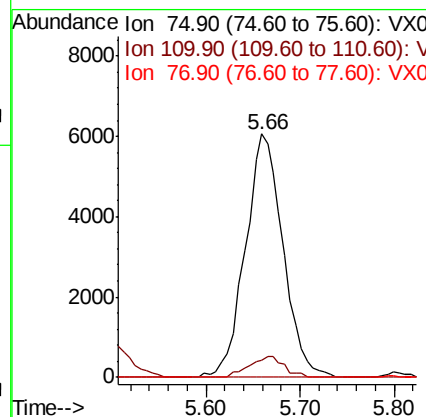
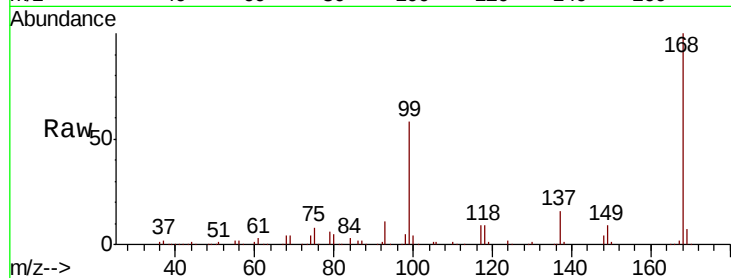




#36
 1,1-Dichloropropene
 Concen: 4.466 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX008784.D
 Acq: 09 Apr 2019 20:29

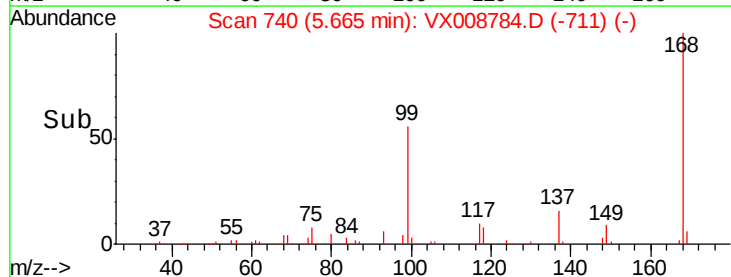
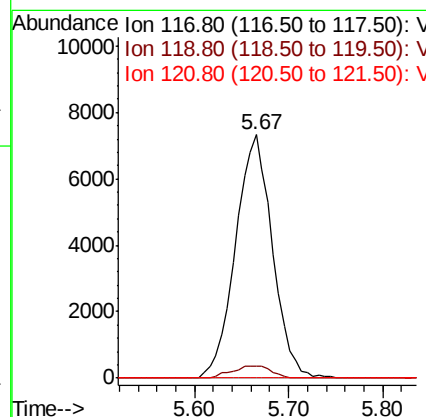
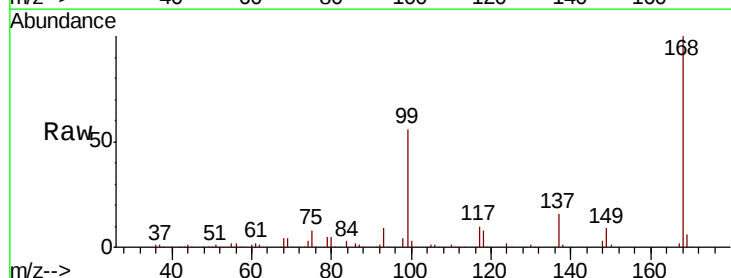
Instrument :
 MSVOA_X
 ClientSampleId :

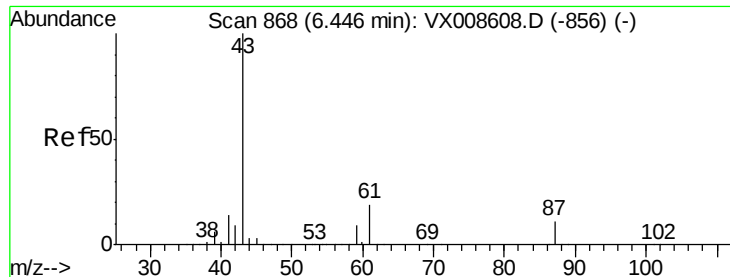
Tot Ion	75	Resp	16884
Ion Ratio	100	Lower	Upper
75	100		
110	8.0	16.4	49.2#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.388 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX008784.D
 Acq: 09 Apr 2019 20:29

Tgt Ion	117	Resp	19989
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
117	100		
119	4.8	75.0	112.6#
121	0.0	24.3	36.5#





#43

Isopropyl Acetate

Concen: 1.641 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX008784.D

Acq: 09 Apr 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

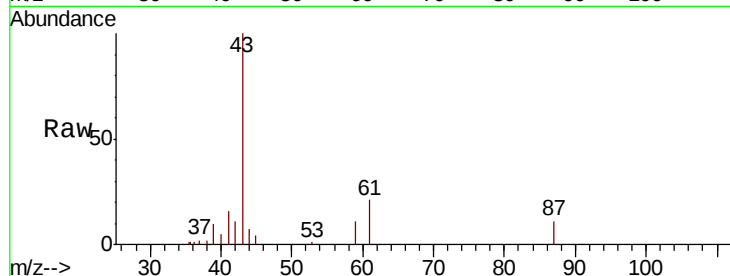
Tot Ion: 43 Resp: 12975

Ion Ratio Lower Upper

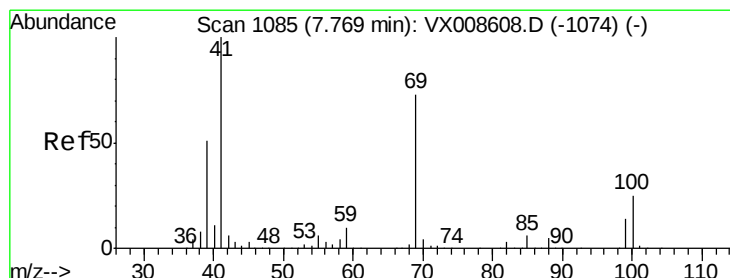
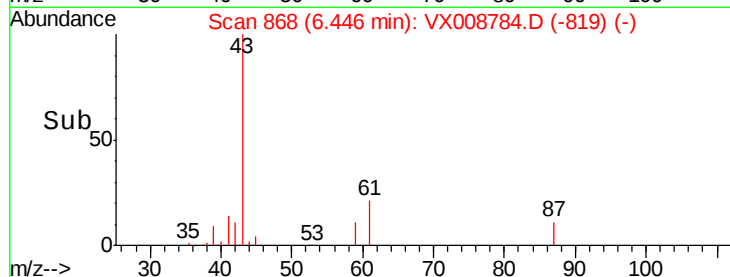
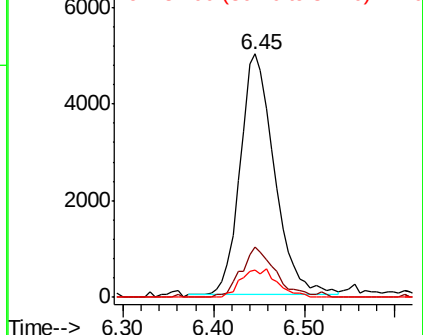
43 100

61 20.7 15.3 22.9

87 12.3 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#48

Methyl methacrylate

Concen: 2.024 ug/l

RT: 7.68 min Scan# 1070

Delta R.T. -0.09 min

Lab File: VX008784.D

Acq: 09 Apr 2019 20:29

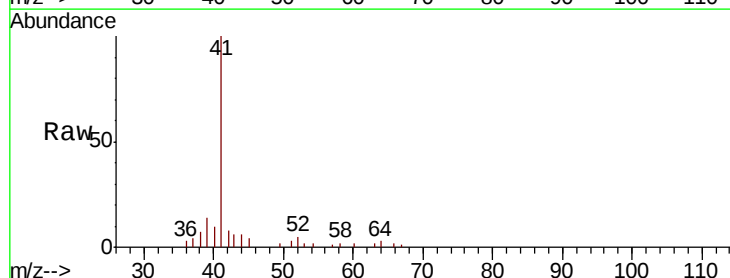
Tgt Ion: 41 Resp: 8094

Ion Ratio Lower Upper

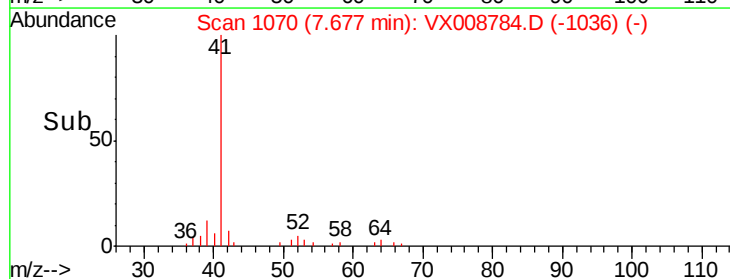
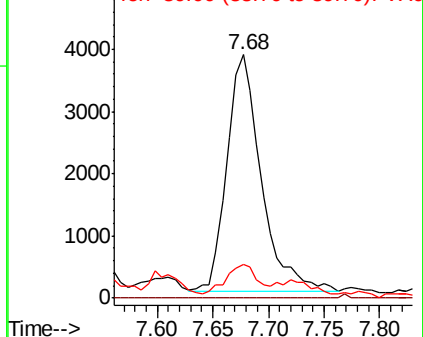
41 100

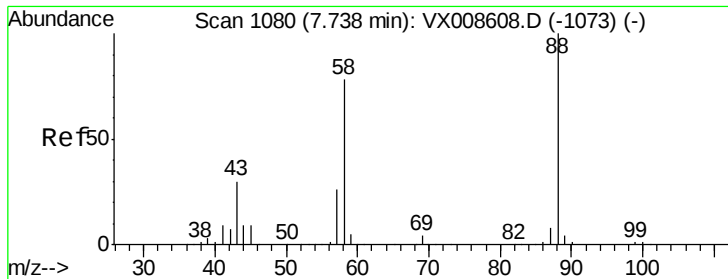
69 0.0 59.0 88.4#

39 0.0 41.0 61.4#



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

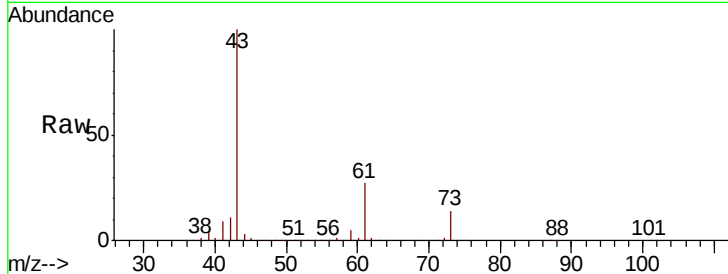




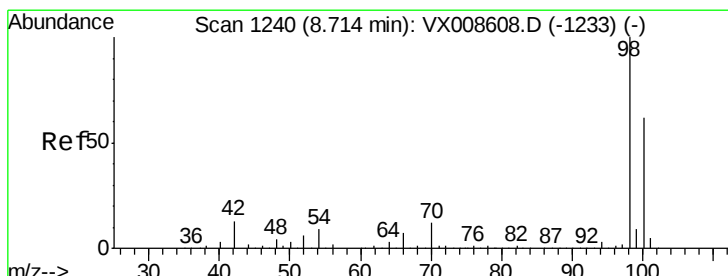
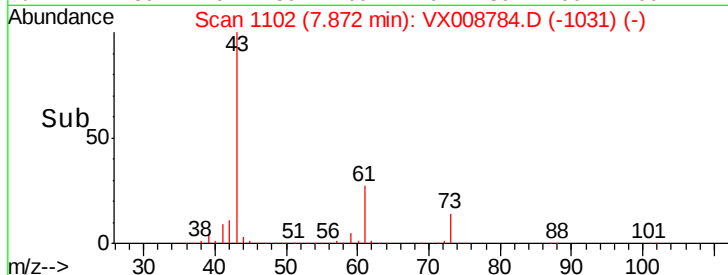
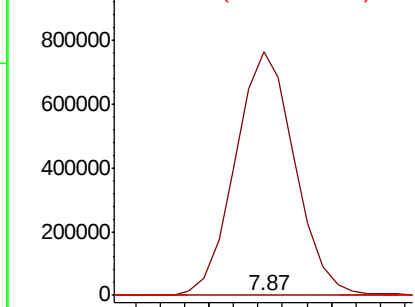
#49
1,4-Dioxane
Concen: 3.511 ug/l
RT: 7.87 min Scan# 1102
Delta R.T. 0.13 min
Lab File: VX008784.D
Acq: 09 Apr 2019 20:29

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 88 Resp: 263
Ion Ratio Lower Upper
88 100
43 496046.0 28.6 43.0#
58 1766.2 62.2 93.2#

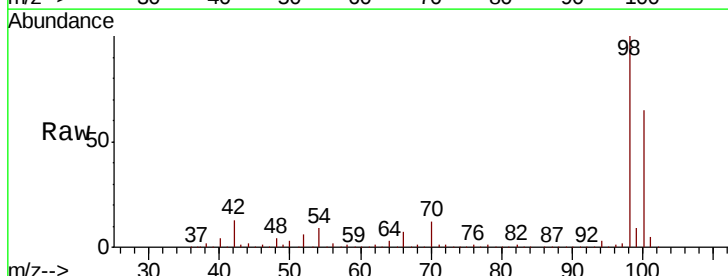


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

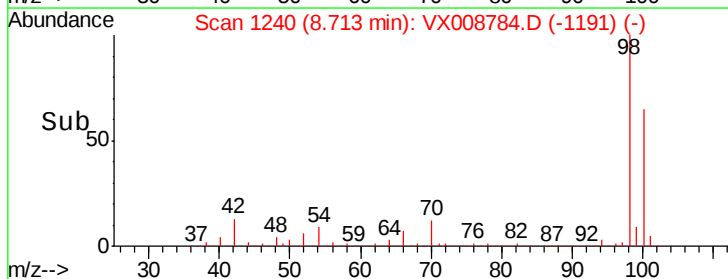
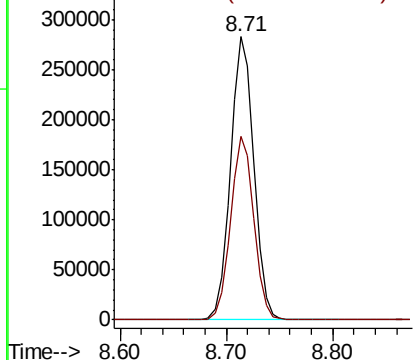


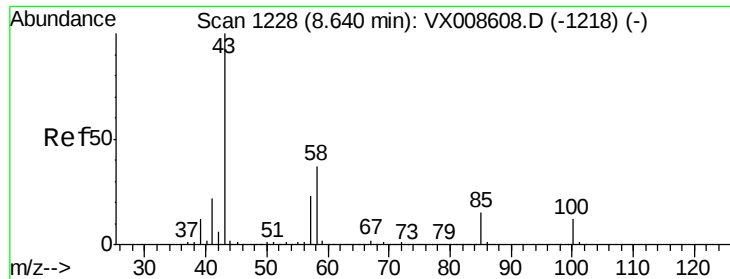
#50
Toluene-d8
Concen: 49.468 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008784.D
Acq: 09 Apr 2019 20:29

Tgt Ion: 98 Resp: 435558
Ion Ratio Lower Upper
98 100
100 64.2 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 19.763 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. -0.02 min

Lab File: VX008784.D

Acq: 09 Apr 2019 20:29

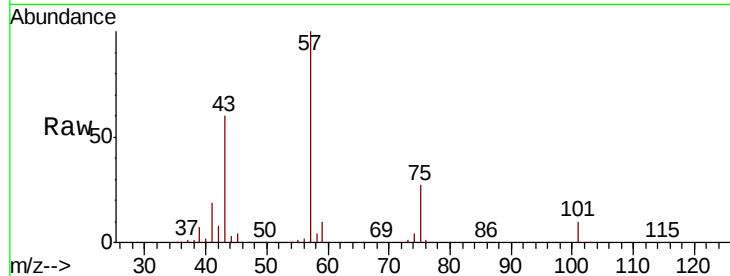
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 100569

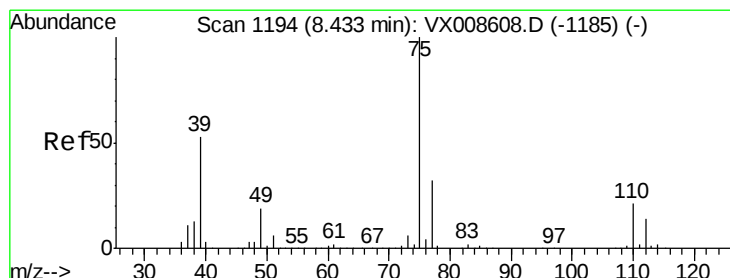
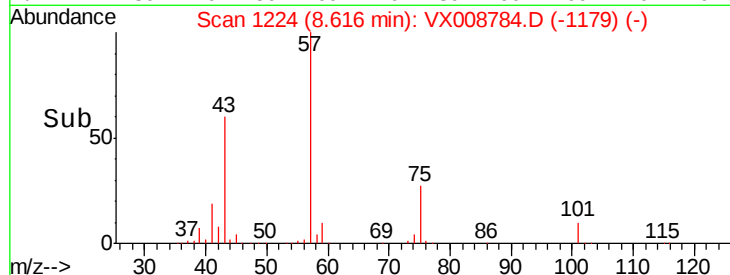
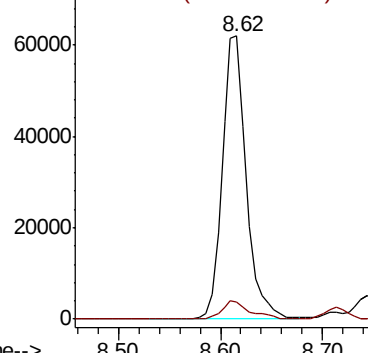
Ion Ratio Lower Upper

43 100

58 7.7 29.5 44.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0



#54

cis-1,3-Dichloropropene

Concen: 9.797 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. 0.18 min

Lab File: VX008784.D

Acq: 09 Apr 2019 20:29

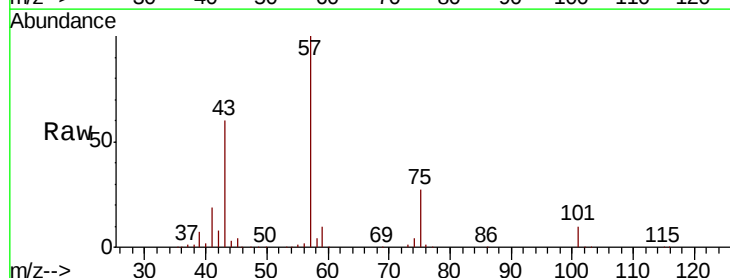
Tgt Ion: 75 Resp: 44081

Ion Ratio Lower Upper

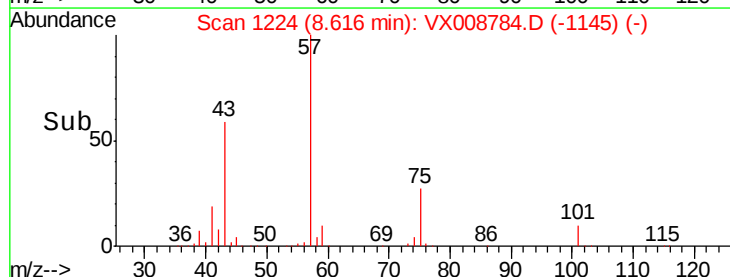
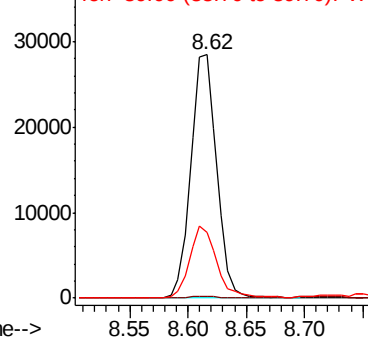
75 100

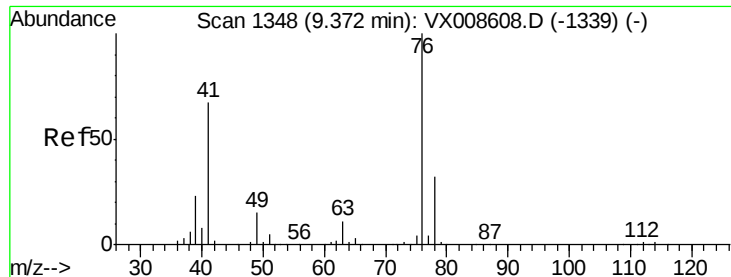
77 0.5 25.3 37.9#

39 26.7 42.6 63.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 76.90 (76.60 to 77.60): VX0
Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 2.012 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.17 min

Lab File: VX008784.D

Acq: 09 Apr 2019 20:29

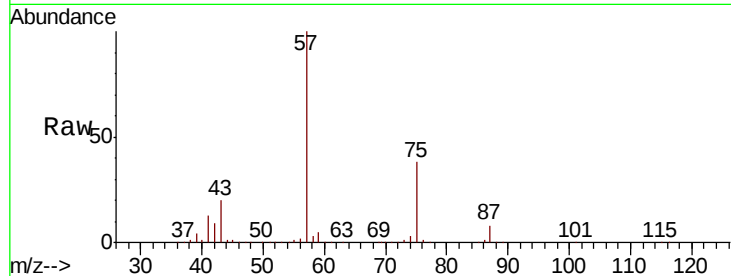
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 76 Resp: 9629

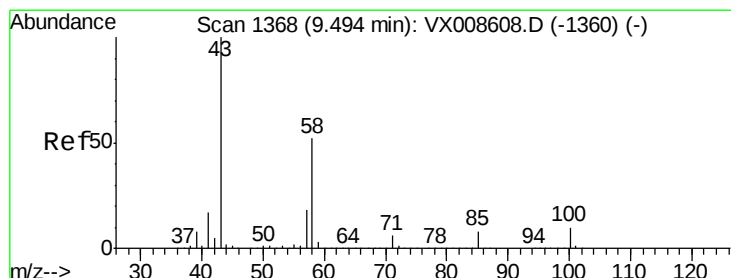
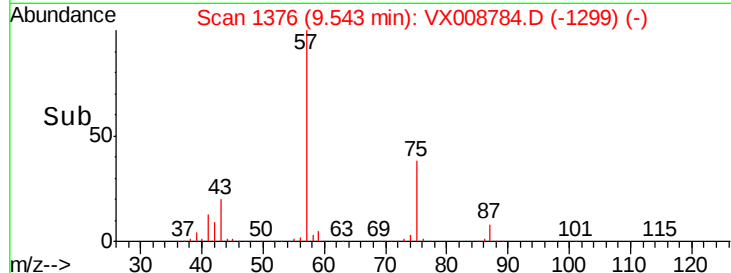
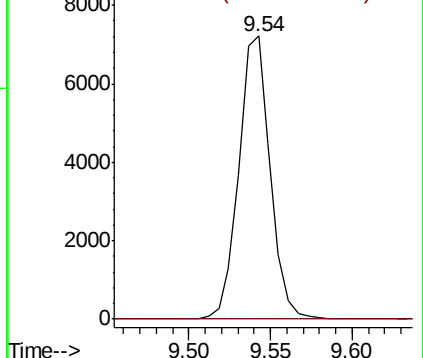
Ion Ratio Lower Upper

76 100

78 0.0 25.6 38.4#



Abundance Ion 75.90 (75.60 to 76.60): VX0
Ion 77.90 (77.60 to 78.60): VX0



#59

2-Hexanone

Concen: 38.802 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.05 min

Lab File: VX008784.D

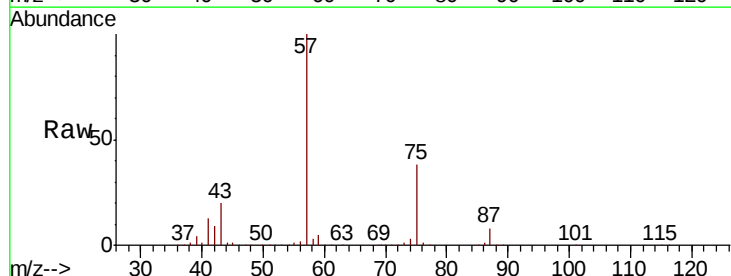
Acq: 09 Apr 2019 20:29

Tgt Ion: 43 Resp: 153453

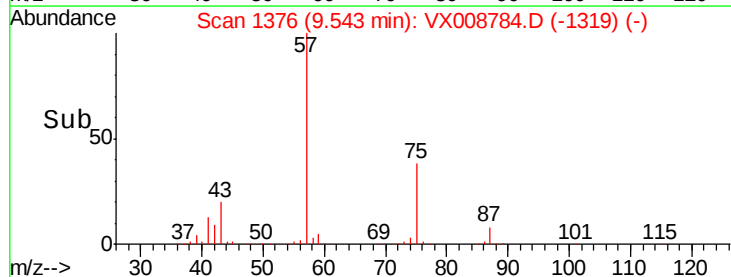
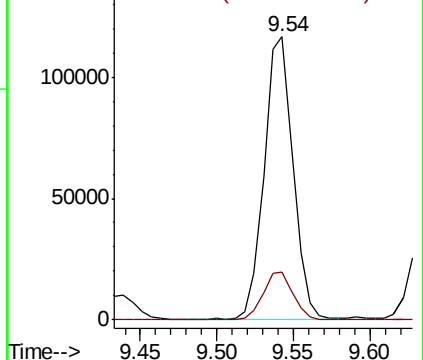
Ion Ratio Lower Upper

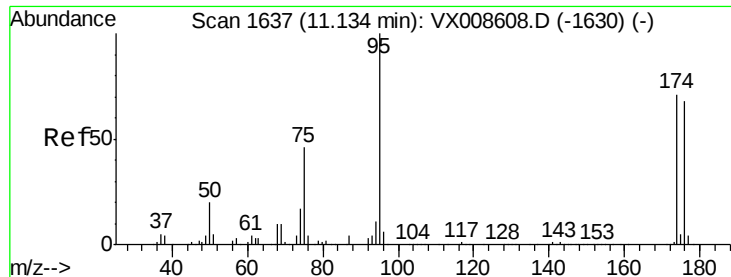
43 100

58 18.0 25.9 77.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

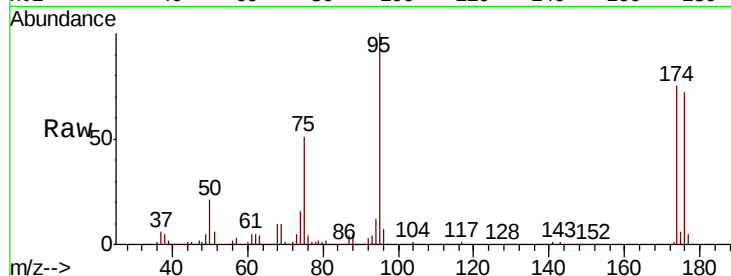




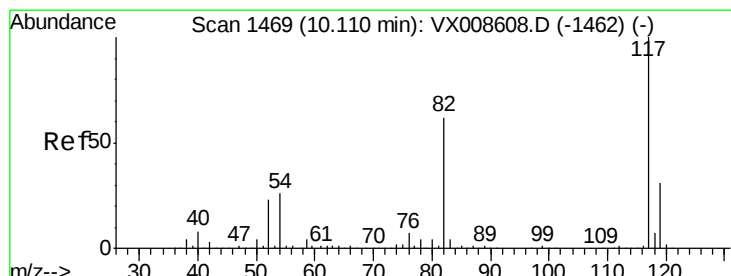
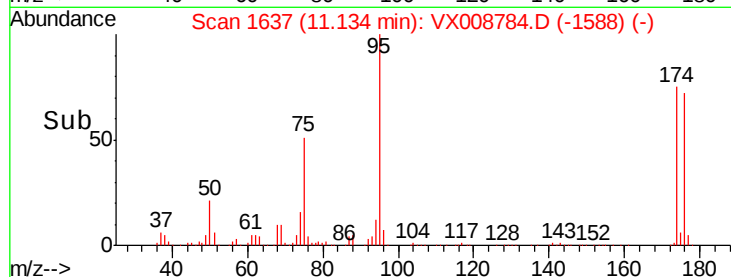
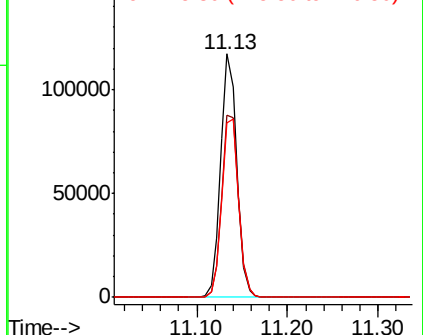
#62
4-Bromofluorobenzene
Concen: 46.716 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008784.D
Acq: 09 Apr 2019 20:29

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 95 Resp: 145863
Ion Ratio Lower Upper
95 100
174 78.2 0.0 151.8
176 76.2 0.0 145.8

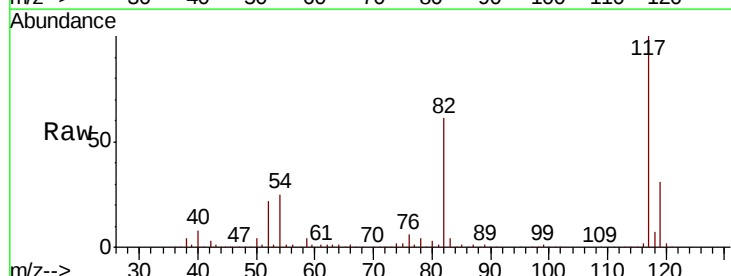


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

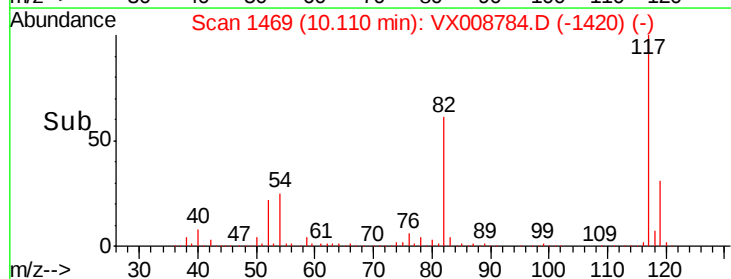
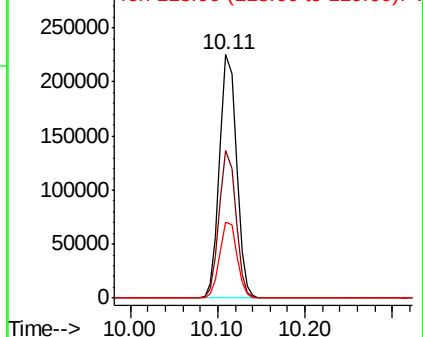


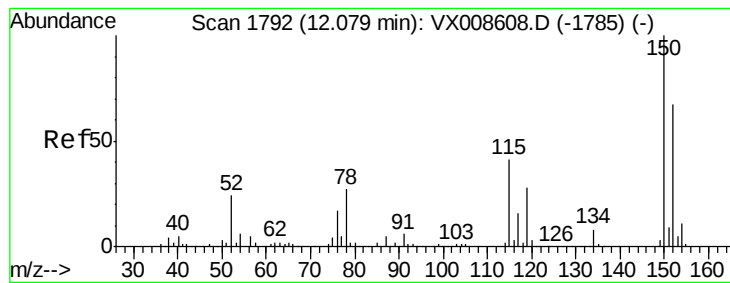
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008784.D
Acq: 09 Apr 2019 20:29

Tgt Ion: 117 Resp: 303052
Ion Ratio Lower Upper
117 100
82 60.5 49.6 74.4
119 31.3 25.0 37.4



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008784.D

Acq: 09 Apr 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

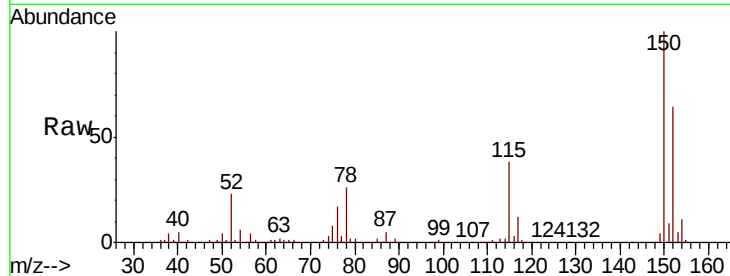
Tot Ion:152 Resp: 129823

Ion Ratio Lower Upper

152 100

115 60.1 43.5 130.5

150 157.2 0.0 348.8

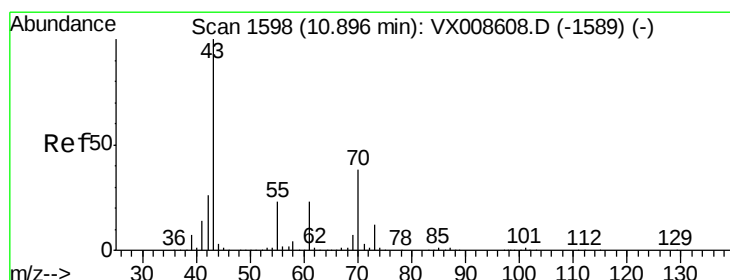
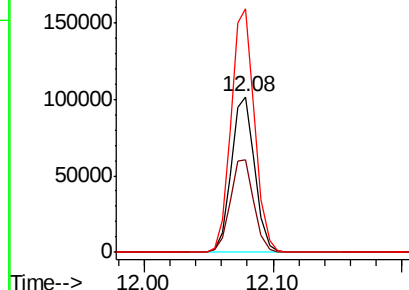
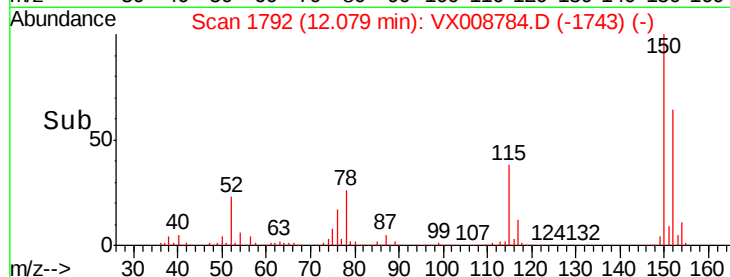


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#74

N-ethyl acetate

Concen: 2.621 ug/l

RT: 10.69 min Scan# 1564

Delta R.T. -0.21 min

Lab File: VX008784.D

Acq: 09 Apr 2019 20:29

Tgt Ion: 43 Resp: 16593

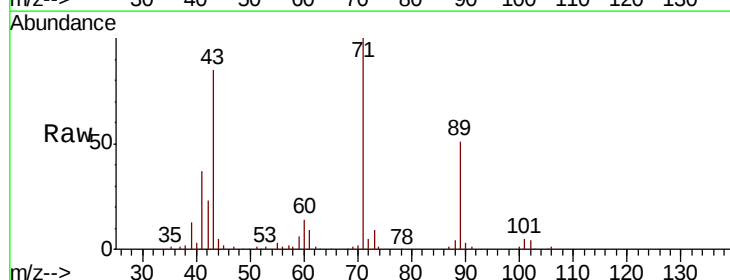
Ion Ratio Lower Upper

43 100

70 1.8 30.2 45.4#

55 5.1 18.2 27.4#

61 10.3 18.6 28.0#



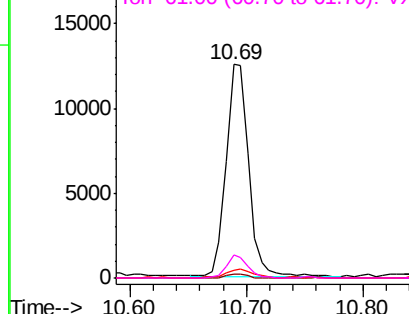
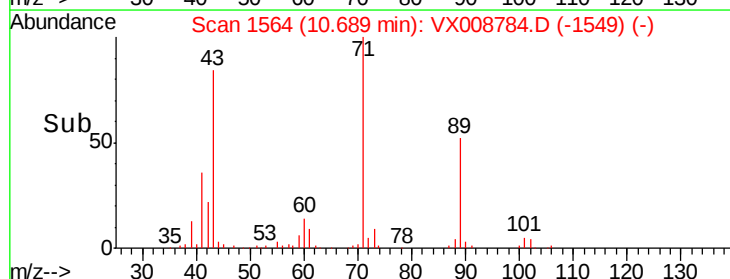
Abundance

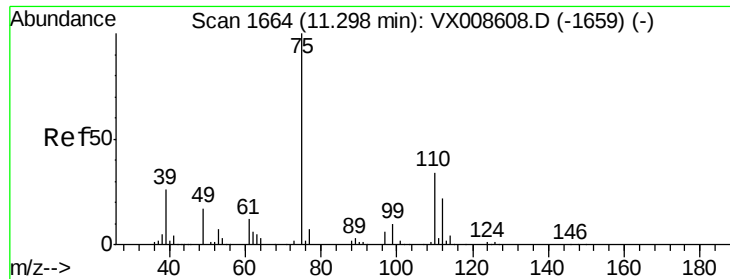
Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

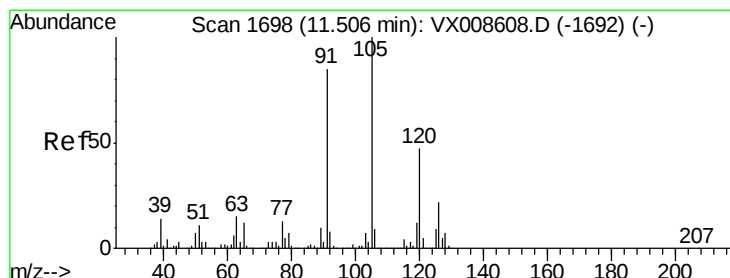
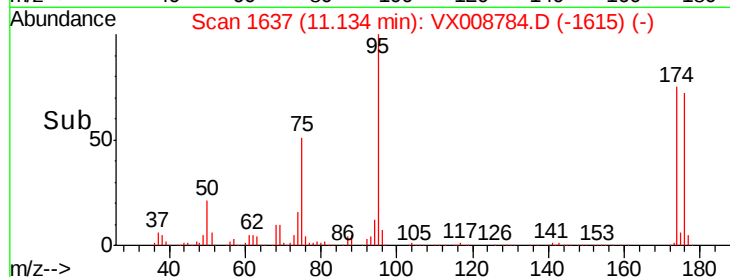
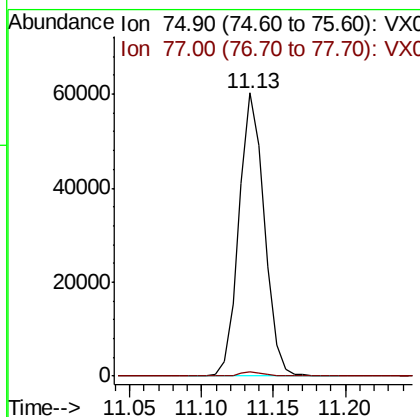
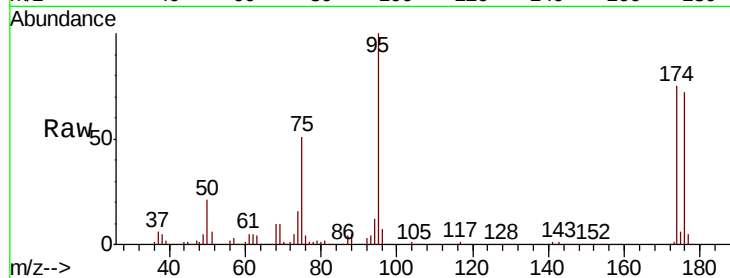




#76
 1,2,3-Trichloropropane
 Concen: 20.681 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX008784.D
 Acq: 09 Apr 2019 20:29

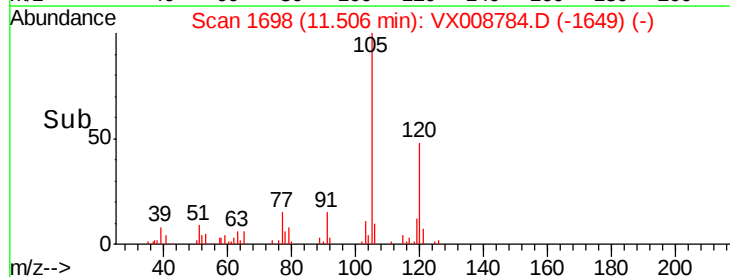
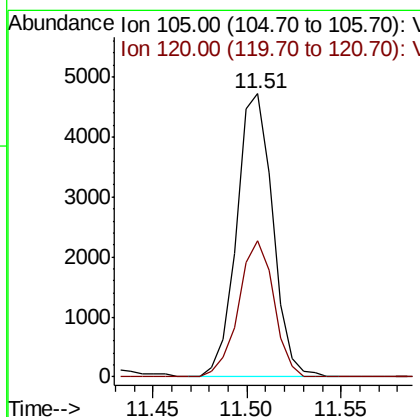
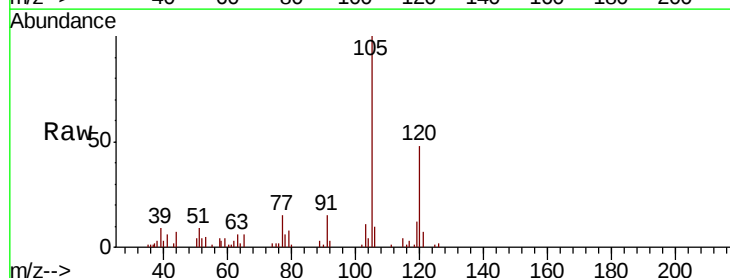
Instrument :
 MSVOA_X
 ClientSampleId :

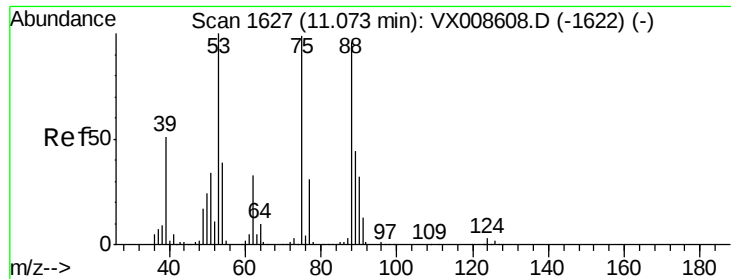
Tot Ion: 75 Resp: 73757
 Ion Ratio Lower Upper
 75 100
 77 1.4 22.3 66.8#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.695 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008784.D
 Acq: 09 Apr 2019 20:29

Tgt Ion:105 Resp: 6273
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.5 70.6





#81

trans-1,4-Dichloro-2-butene

Concen: 57.009 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX008784.D

Acq: 09 Apr 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 75 Resp: 73757

Ion Ratio Lower Upper

75 100

53 0.0 81.3 121.9#

89 0.0 35.6 53.4#

